

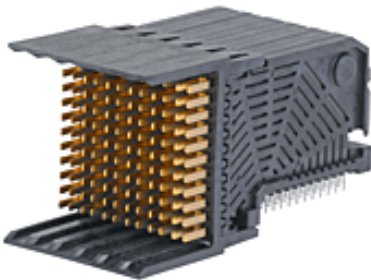
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Part Number: [0760111605](#)
Status: **Active**
Overview: [GbX I-Trac Backplane Connector System](#)
Description: GbX I-Trac Right-Angle Header Module, 1.85mm by 3.70mm Pitch, Unguided, Open Ends, 7 Rows, 6 Columns, 84 Circuits, Staggered Mating Pin Length 3.80mm & 4.70mm

Documents:
[3D Model](#) [Packaging Specification PK-70873-588 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76011
Application	Coplanar, Daughtercard
Component Type	Right Angle Male
Overview	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
UPC	800756679556
Physical	
Circuits (Loaded)	84
Circuits (maximum)	84
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	17.166/g
Number of Columns	6
Number of Pairs	4, Open Pin Field
Number of Rows	7
Orientation	Right Angle
PC Tail Length	2.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.70mm
Pitch - Termination Interface	1.20mm, 2.50mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS Green Image Not Relevant Not Contained

Search Parts in this Series
[76011](#) Series

Mates With
[76020](#) GbX I-Trac Right Angle Receptacle
Module

Use With
[78230](#) GbX I-Trac Right Angle Power
Receptacle

Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Press-In Tool for Right-Angle Receptacle and Header 7-Row, 6-Column	622018611

Current - Maximum per Contact	1.0A	Right-Angle Male	622023080
Data Rate	12.0 Gbps	(RAM) Module	
Shielded	No	Removal Tool	
Voltage - Maximum	120V AC (RMS)/DC		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-588		
Sales Drawing	SD-76011-001-001		

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